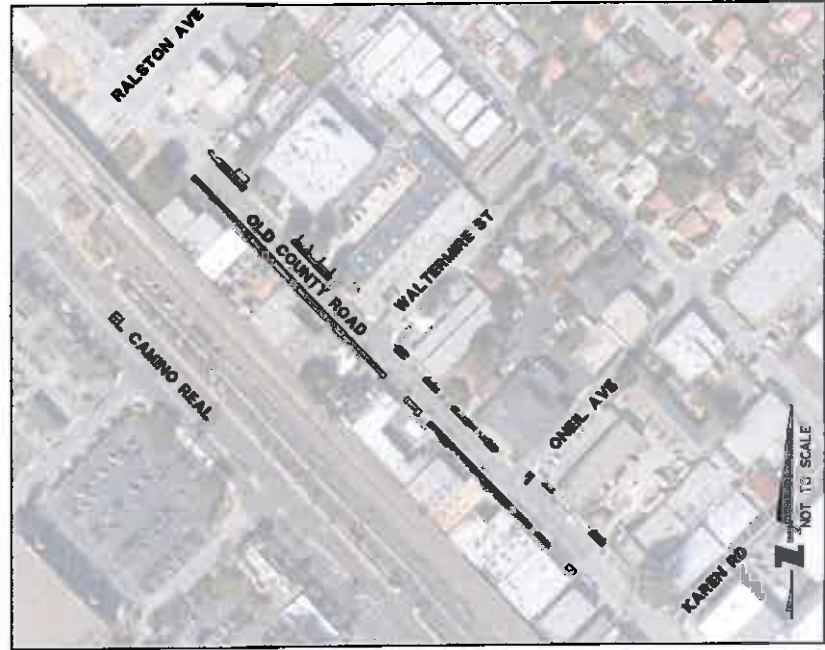
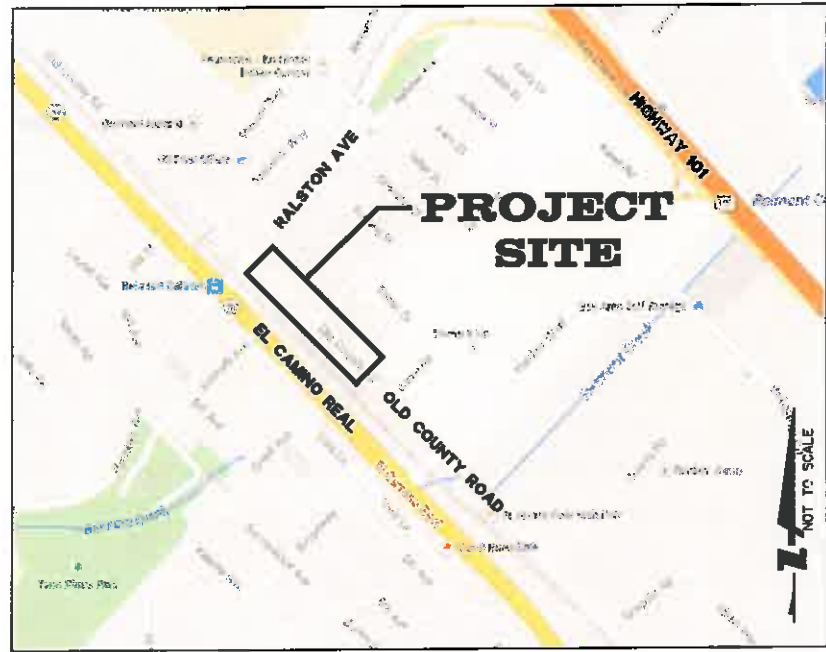


CONSTRUCTION DRAWINGS FOR
OLD COUNTY ROAD
PEDESTRIAN & BICYCLE IMPROVEMENT PROJECT
IMPROVEMENT PLANS

BELMONT, CA
FEDERAL AID NO. CML 5268 (018)

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7	C4.1	EROSION CONTROL DETAILS



- CITY COUNCIL**
- MAYOR DAVID BRAUNSTEIN
VICE MAYOR ERIC REED
COUNCILMEMBER WARREN LIEBERMAN
COUNCILMEMBER CHARLES STONE
COUNCILMEMBER CATHY WRIGHT
- STAFF**
- CITY MANAGER GREG SCOLES
DIRECTOR OF PUBLIC WORKS AFSHIN OSKOU
CITY ATTORNEY SCOTT RENNE
CITY CLERK TERRI COOK

LEGEND

- RIGHT-OF-WAY
PROPERTY LINE
CONTROL LINE
EASEMENT
STORM DRAIN LINE
CURB AND GUTTER
SURVEYED POINT
CATCH BASIN
DRAIN INLET
MANHOLE
TREES/SHRUBS
UTILITY BOX/VAULT
STREET LIGHT
TRAFFIC SIGNAL POLE
VALVE
AERIAL ELEVATION
SIGN WITH POST
FENCE
SURFACE SLOPE
OVERHEAD LINE
TRANSMISSION TOWER
DETAIL REFERENCE

ABBREVIATIONS

ABAND	ABANDONED	FH	FIRE HYDRANT	R	RADIUS
AB	AGGREGATE BASE	FL	FLOW LINE	RCP	REINFORCED CONCRETE PIPE
AC	ASPHALT CONCRETE	FM	FORCE MAIN	RT	RIGHT
ASB	AGGREGATE SUBBASE	G	GAS	ROW	RIGHT OF WAY
BC	BEGINNING OF CURVE	GB	GRADE BREAK	S	SLOPE
BCR	BEGIN CURB RETURN	GV	GATE VALVE	SB	SIGNAL BOX
BLVD	BOULEVARD	HC	HANDICAP	SS	SANITARY SEWER
BM	BENCHMARK	HP	HIGH POINT	SD	STORM DRAIN
BMP	BEST MANAGEMENT PRACTICE	ID	INSIDE DIAMETER	SDCB	STORM DRAIN CATCH BASIN
BW	BACK OF WALK	INV	INVERT	SDCO	STORM DRAIN CLEAN OUT
CB	CATCH BASIN	IRR	IRRIGATION	SDMH	STORM DRAIN MANHOLE
C&G	CURB AND GUTTER	JP	JOINT POLE	SDWK	SIDEWALK
CIP	CAST IRON PIPE	JT	JOINT TRENCH	SL	STREET LIGHT
CL	CONTROL LINE	LF	LINEAL FEET	SSMH	SANITARY SEWER MANHOLE
CMP	CORRUGATED METAL PIPE	LG	LIP OF GUTTER	ST	STREET
CO	CLEAN OUT	LT	LEFT	STA	STATION
CONC	CONCRETE	MFS	METROPOLITAN FIBER SYSTEMS	STD	STANDARD
CY	CUBIC YARD	MH	MANHOLE	TEL	TELEPHONE
DI	DROP INLET	MIN	MINIMUM	TC	TOP OF CURB
DIST	DISTANCE	MON	MONUMENT	TI	TRAFFIC INDEX
DW	DOMESTIC WATER	MTC	MEDIAN TOP OF CURB	TRSI	TRAFFIC SIGNAL
DWY	DRIVEWAY	NEW	NEW	TSB	TRAFFIC SIGNAL BOX
E	ELECTRIC	NTS	NOT TO SCALE	TYP	TYPICAL
EC	END OF CURVE	OC	ON CENTER	UB	UTILITY BOX
ECR	END OF CURB RETURN	OD	OUTSIDE DIAMETER	VOL	VOLUME
EL	ELEVATIONS	OR	ORIGINAL RECORD	W	WITH
EMD	ESTERO MUNICIPAL IMPROVEMENT DISTRICT	PAE	PUBLIC ACCESS EASEMENT	WM	WATER METER
EP	EDGE OF PAVEMENT	PB	PULL BOX	WS	WATER SERVICE
(E)	EXISTING	PED	PEDESTRIAN	WV	WATER VALVE
FC	FACE OF CURB	PG	PAGE	XING	CROSSING
FG	FINISHED GRADE	PL	PROPERTY LINE		
		PM	PARCEL MAP		
		PUE	PUBLIC UTILITY EASEMENT		
		PVC	POLYVINYL CHLORIDE		

Leticia Alvarez
LETICIA ALVAREZ, CITY ENGINEER

PREPARED BY:
BKF ENGINEERS
255 SHORELINE DR #200
REDWOOD CITY, CA 94063
(650) 482-6300

Jason Mansfield 4/5/16
BY: JASON MANSFIELD, RCE 59567 DATE



255 SHORELINE DR
SUITE 200
REDWOOD CITY, CA 94063
650-482-6300
650-482-6399 (FAX)

BKF
ENGINEERS / PLANNERS

OLD COUNTY ROAD
PEDESTRIAN & BICYCLE IMPROVEMENT PROJECT
TITLE SHEET

CITY OF BELMONT
SAN MATEO COUNTY
CALIFORNIA

Revisions	No.	Date	By	Appr.

Drawing Number:
C1.0
1 of 7

PROJECT DESCRIPTION:

THE OLD COUNTY ROAD PEDESTRIAN & BICYCLE IMPROVEMENT PROJECT INCLUDES THE DEMOLITION AND RECONSTRUCTION OF THE EXISTING CURB, SIDEWALK, AND DRIVEWAY ALONG THE WEST SIDE OF OLD COUNTY ROAD AND ALSO THE RECONSTRUCTION OF THE SIDEWALK ALONG THE EAST SIDE OF OLD COUNTY ROAD. THE IMPROVEMENT PROJECT IS TO ENSURE THAT PEDESTRIAN WALKING INFRASTRUCTURE ACROSS THE DRIVEWAY ENTRANCES ON OLD COUNTY ROAD MEETS THE ACCESSIBILITY STANDARDS. BICYCLE IMPROVEMENTS CONSIST OF ADDING SHARED BIKE LANES ON OLD COUNTY ROAD IN BOTH THE NORTHBOUND AND SOUTHBOUND DIRECTIONS FROM THE BELMONT/SAN CARLOS CITY LIMIT TO RALSTON AVENUE.

PHYSICAL DESCRIPTION OF SITE:

AREA CONTAINING BOTH CURB & SIDEWALK ALONG OLD COUNTY ROAD BETWEEN RALSTON AVE AND BELMONT CITY LIMIT AND DRIVEWAYS AS NECESSARY FOR CONFORMING TO THE NEW IMPROVEMENTS.

LOCATION:

BELMONT, CA

UTILITIES:

STORM DRAIN: CITY OF BELMONT
WATER DISTRICT: MID-PENINSULA WATER DISTRICT
SEWER DISTRICT: CITY OF BELMONT
FIBER OPTICS/CABLE:

AT&T: NESTOR MAURICIO, PUBLIC REQUIREMENTS ENGINEER, 510.645.2929
VERIZON: BERNADETTE MARTINEZ, SENIOR ENGINEER, 925.951.2014
MFS: (LEVEL 3 COMMUNICATIONS) 877.453.8353

ELECTRIC/GAS:

PG&E: PAUL BUEB, INDUSTRIAL POWER ENGINEER, 650.588.7272
STREET LIGHTS: CITY OF BELMONT
TRAFFIC SIGNALS: CITY OF BELMONT

PROJECT NOTES:

1. CIVIL ENGINEER BKF ENGINEERS
255 SHORELINE DRIVE, SUITE 200
REDWOOD CITY, CA 94065
TEL 650.482.6300
2. CITY CITY OF BELMONT
1 TWIN PINES LANE, BELMONT, CA 94002
TEL 650.595.7422
3. THE CONTRACTOR SHALL NOT RELOCATE OR DESTROY ANY PERMANENT SURVEY MONUMENTS OR POINTS WITHOUT PRIOR CONSENT FROM THE CITY. ANY PERMANENT MONUMENTS OR POINTS MOVED OR DESTROYED SHALL BE REPLACED/RESET BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMING TO EXISTING ROADWAYS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, ETC. AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY NOTIFY THE CITY UPON DISCOVERY OF ANY FIELD CONFLICTS OR UNFORESEEN CONDITIONS.
6. THE CONTRACTOR SHALL NOT MAKE ANY FIELD CHANGES WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CITY.
7. ON A BLOCK-BY-BLOCK BASIS, SIDE-STREET ACCESS TO OLD COUNTY ROAD CAN BE CLOSED FOR DEMOLITION AND STREET CONSTRUCTION. AT ALL TIMES PEDESTRIAN ACCESS TO BUSINESSES SHALL BE MAINTAINED. CONTRACTOR SHALL PROVIDE ADEQUATE BARRICADES - AT THE APPROVAL OF THE ENGINEER - TO SEPARATE DEMOLITION AND CONSTRUCTION ACTIVITIES FROM VEHICULAR TRAFFIC. DURING PAVING OPERATIONS VEHICULAR TRAFFIC SHALL BE DETOURED TO EL CAMINO REAL, OR TO INDUSTRIAL ROAD. DETOUR SIGNS SHALL BE INSTALLED TO DIRECT LOCAL VEHICULAR, PEDESTRIAN AND BICYCLE TRAFFIC. THE ENGINEER SHALL APPROVE DETOUR PATTERNS AND SIGNAGE IN ADVANCE.
8. TWO-WAY TRAFFIC SHALL BE MAINTAINED ON OLD COUNTY ROAD CROSS STREETS AT ALL TIMES DURING NON-WORKING HOURS.
9. NO NIGHT WORK UNLESS BY SPECIAL REQUEST, PERMISSION, AND APPROVED BY CITY.
10. ALL EXISTING FIRE HYDRANT TO REMAIN.
11. CONTRACTOR TO ADJUST ALL EXISTING UTILITY BOXES TO GRADE, INCLUDING BUT NOT LIMITED TO STORM DRAIN AND SANITARY SEWER CLEANOUT, CATCH BASIN, AND TRAFFIC SIGNAL BOXES. ELECTRICAL BOXES AND GAS VALVE BOXES SHALL BE COORDINATED WITH PG&E.
12. CONTRACTOR SHALL PROVIDE THE CITY, FOR REVIEW AND APPROVAL, STAGE CONSTRUCTION OR PHASING PLAN CLEARLY INDICATING CONSTRUCTION SEQUENCE, TRAFFIC HANDLING AND DETOUR PLANS. CONTRACTOR SHALL EMPLOY 2-CHANGEABLE MESSAGE BOARDS OVER PROJECT DURATION.
13. EXISTING TOPOGRAPHY AND EXISTING UTILITIES ARE BASED ON THE FOLLOWING SURVEYS:
AERIAL SURVEY BY AERO-GEODETIC IN JUNE 2010
FIELD TOPOGRAPHIC SURVEY BY BKF ENGINEERS ON SEPTEMBER 19, 2014

GENERAL CONSTRUCTION NOTES:

IN ACCORDANCE WITH THE NPDES PERMIT COMPLIANCE CHECKLIST FOR THE CITY OF BELMONT, THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING:

1. STORE, HANDLE AND DISPOSE OF CONSTRUCTION MATERIALS AND WASTES PROPERLY, SO AS TO PREVENT THEIR CONTACT WITH STORMWATER.
2. CONTROL AND PREVENT THE DISCHARGE OF ALL POTENTIAL POLLUTANTS, INCLUDING SOLID WASTES, PAINTS, CONCRETE, PETROLEUM PRODUCTS, CHEMICALS, WASHWATER OR SEDIMENTS AND NON-STORMWATER DISCHARGES TO STORM DRAINS AND WATERCOURSES.
3. USE SEDIMENT CONTROL OR FILTRATION TO REMOVE SEDIMENT FROM DEWATERING EFFLUENT.
4. AVOID CLEANING, FUELING OR MAINTAINING VEHICLES ON-SITE, EXCEPT IN AN AREA DESIGNATED BY THE CONTRACTOR IN WHICH RUNOFF IS CONTAINED AND TREATED.
5. DELINEATE CLEARING LIMITS, EASEMENTS, SETBACKS, SENSITIVE OR CRITICAL AREAS, BUFFER ZONES, TREES, AND DRAINAGE COURSES WITH FIELD MARKERS.
6. PROTECT ADJACENT PROPERTIES AND UNDISTURBED AREAS FROM CONSTRUCTION IMPACTS USING VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS OR FILTERS, DIKES, MULCHING, OR OTHER MEASURES AS APPROPRIATE.
7. PERFORM CLEARING AND EARTH MOVING ACTIVITIES ONLY DURING DRY WEATHER.
8. LIMIT CONSTRUCTION ACCESS ROUTES AND STABILIZE DESIGNATED ACCESS POINTS.
9. AVOID TRACKING DIRT OR OTHER MATERIALS OFF THE PROJECT SITE. PAVED AREAS AND SIDEWALKS SHALL BE CLEANED USING DRY SWEEPING METHODS.
10. CONTRACTOR IS RESPONSIBLE FOR LAYDOWN AND STAGING AREAS BEYOND THE CITY RIGHT-OF-WAY.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SURVEY & STAKING BY A LICENSED SURVEYOR. CONTRACTOR SHALL ALSO PERFORM SURVEY TO VERIFY FINAL GRADES.
12. CONTRACTOR IS RESPONSIBLE FOR RELOCATING STORM DRAIN, STREET LIGHTS, SIGNAL BOXES, IRRIGATION LINES AND SIGNAGE. CONTRACTOR SHALL COORDINATE WITH PG&E, AT&T AND VERIZON FACILITIES ARE TO BE RELOCATED BY OTHERS AS NECESSARY.

DEMOLITION NOTES:

IN ACCORDANCE WITH THE NPDES PERMIT COMPLIANCE CHECKLIST FOR THE CITY OF BELMONT, THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING:

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY AND SIGNAGE RELOCATIONS WITH UTILITY COMPANIES AND PROPERTY OWNERS.
2. UNLESS OTHERWISE NOTED CONTRACTOR TO PROTECT ALL EXISTING UTILITIES SHOWN ON THE PLANS.
3. IF UTILITIES ARE ENCOUNTERED IN THE FIELD THAT ARE NOT SHOWN ON THE PLANS, CONTRACTOR SHALL STOP WORK IN THE AREA AND NOTIFY THE CITY IMMEDIATELY.
4. ALL SURFACE IMPROVEMENTS (CONCRETE, PAVEMENT, DEBRIS, CURB, STRIPING, ETC.) WITHIN LIMIT OF DEMOLITION ARE TO BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS.
5. CONTRACTOR IS RESPONSIBLE TO LEGALLY DISPOSE OF ALL REMOVED MATERIAL.
6. IF NOTED TO BE SALVAGED, MATERIAL SHALL BE REMOVED CAREFULLY AND DELIVERED TO THE CITY'S CORPORATION YARD

ADDRESS: 110 SEM LANE
BELMONT, CA 94002
PHONE: (650) 286-8140
HOURS: 8AM-4PM MONDAY THRU FRIDAY

RIGHT-OF-WAY NOTE:

1. THE RIGHT OF WAY SHOWN IS BASED ON RECORD MAPS AND SHOWN IN THE APPROXIMATE LOCATION. A BOUNDARY SURVEY WAS NOT PERFORMED.



255 SHORELINE DR
SUITE 200
REDWOOD CITY, CA 94065
650-482-6300
650-482-6399 (FAX)



OLD COUNTY ROAD
PEDESTRIAN & BICYCLE IMPROVEMENT PROJECT
GENERAL NOTES
CALIFORNIA
SAN MATEO COUNTY
CITY OF BELMONT

Revisions				
No.	Date	By	Check	Appr.

Drawing Number:
C1.1
2 of 7

255 SHORELINE DR
SUITE 200 CITY, CA 94065
650-482-6300
650-482-6399 (FAX)



**OLD COUNTY ROAD
PEDESTRIAN & BICYCLE IMPROVEMENT PROJECT
IMPROVEMENT PLAN**

CALIFORNIA

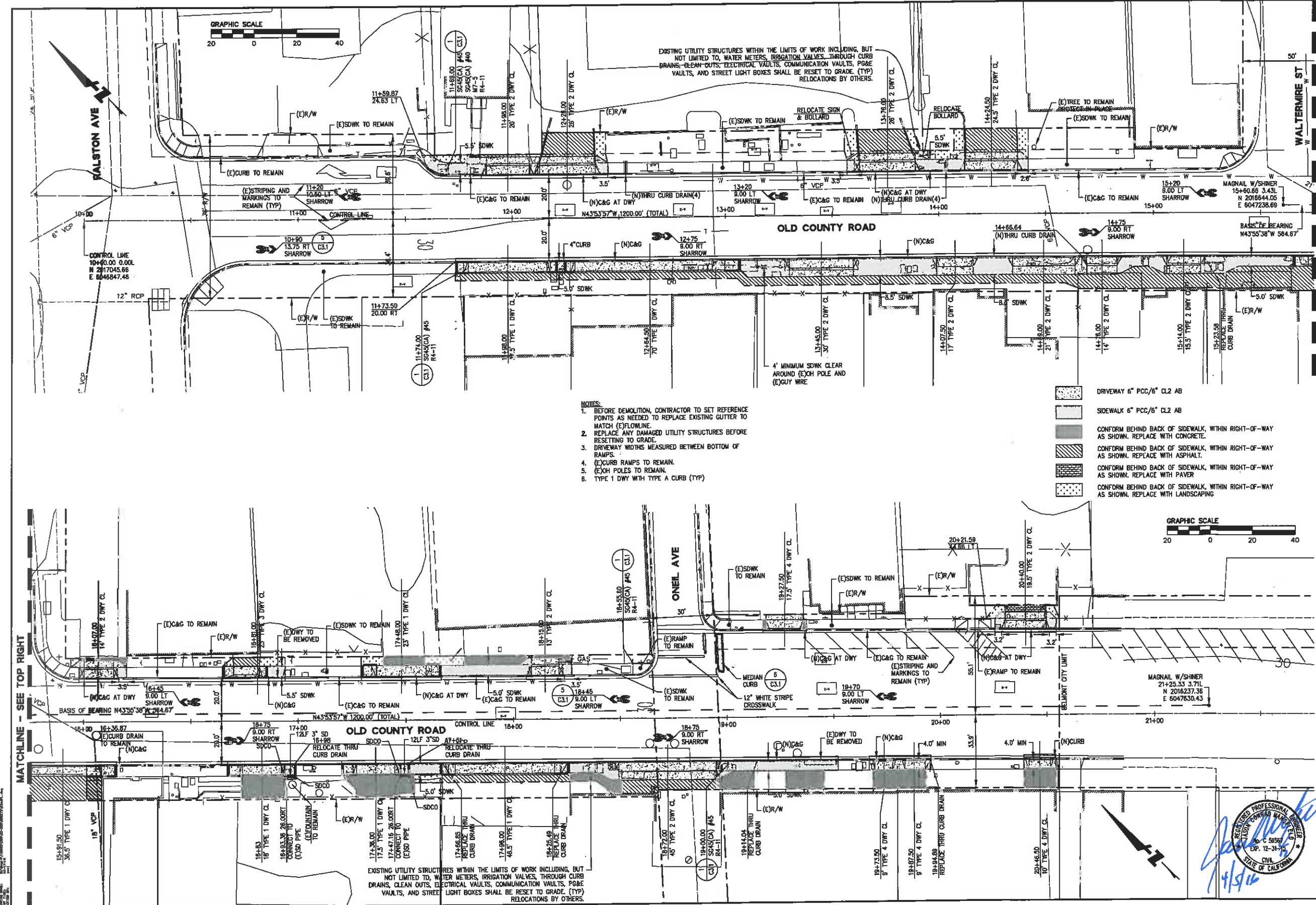
SAN MATEO COUNTY

CITY OF BELMONT

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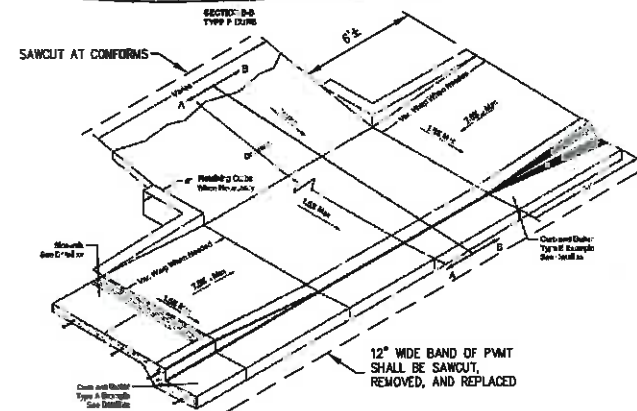
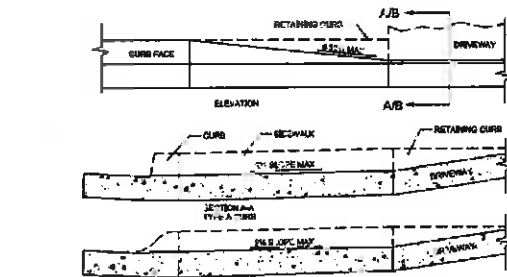
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MATCHLINE - SEE BOTTOM LEFT

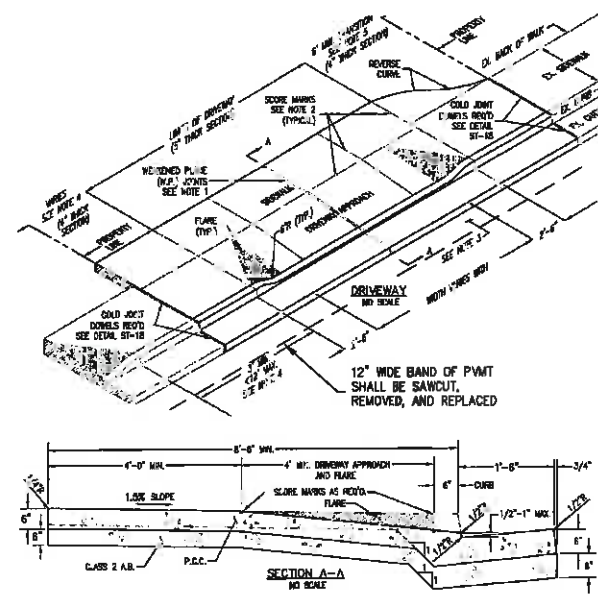
255 SHORELINE DR
SUITE 200 CITY, CA 94065
REDWOOD CITY, CA 94065
650-482-6300
650-482-6399 (FAX)



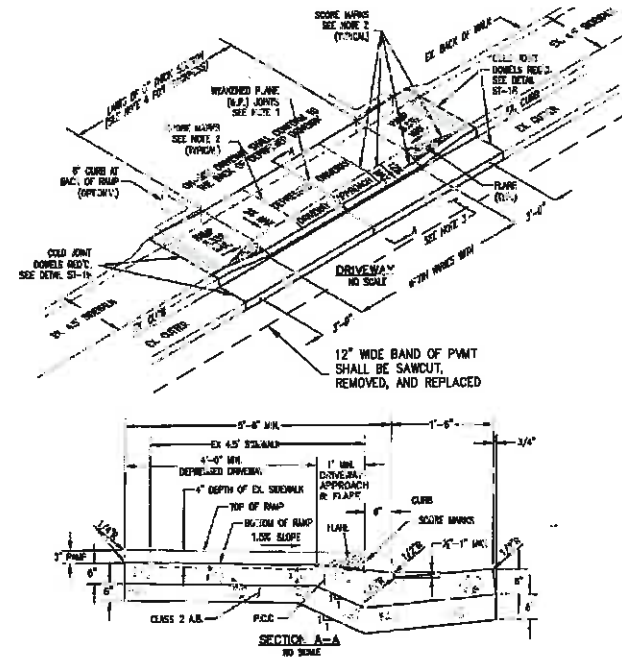
OLD COUNTY ROAD
PEDESTRIAN & BICYCLE IMPROVEMENT PROJECT
CONSTRUCTION DETAILS
SAN MATEO COUNTY
CITY OF BELMONT
CALIFORNIA



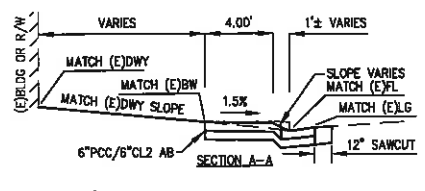
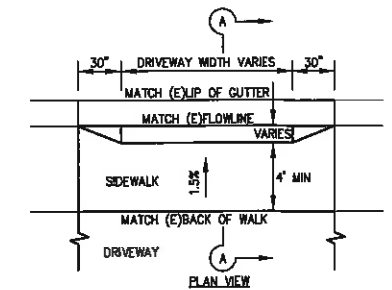
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2 TYPE 2 DWY
NOT TO SCALE



3 TYPE 3 DWY
NOT TO SCALE



4 TYPE 4 DWY
NOT TO SCALE

DRIVEWAY NOTES:

1. WEAKENED PLANE (W.P.) JOINTS REQUIRED ON CENTERLINE FOR DRIVEWAYS 12' TO 20' WIDE. DRIVEWAYS 24' TO 30' WIDE SHALL HAVE 2 W.P. JOINTS EVENLY SPACED (AT 1/3 AND 2/3 POINTS). DRIVEWAYS WIDER THAN 30' WIDE SHALL HAVE W.P. JOINTS PLACED NO MORE THAN 10' APART.
2. PLACE SCORE MARKS AT 1/4 POINTS ON DRIVEWAYS 12' TO 20' WIDE AND AT 1/6 POINTS ON DRIVEWAYS 24' TO 30' WIDE. DRIVEWAYS WIDER THAN 30' WIDE SHALL HAVE SCORE MARKS PLACED NO MORE THAN 5' APART. SCORE MARK REQUIRED AT DRIVEWAY SLOPE BREAK PARALLEL TO EXISTING FACE OF CURB.
3. 12" WIDE BAND OF PAVEMENT SHALL BE REMOVED AND REPLACED. SAWCUT AT EDGE OF PAVEMENT AND DRIVEWAY CONFORM.
4. WHERE THE DISTANCE BETWEEN NEW DRIVEWAY LIMIT AND PROPERTY LINE IS LESS THAN 6' AT THE BACK OF DRIVEWAY AND THERE IS AN ADJACENT DRIVEWAY LESS THAN 12' DISTANCE AWAY, THE SIDEWALK SHALL NOT TRANSITION. NEW SIDEWALK SHALL TERMINATE AT PROPERTY LINE OR ADJACENT DRIVEWAY TO MAINTAIN ADA PATHWAY.
5. WHERE THE DISTANCE BETWEEN NEW DRIVEWAY LIMIT AND PROPERTY LINE IS EQUAL TO OR GREATER THAN 6' AT THE BACK OF DRIVEWAY AND THERE IS NO ADJACENT DRIVEWAY WITHIN 12' DISTANCE OF NEW DRIVEWAY, THE SIDEWALK SHALL TRANSITION FROM BACK OF DRIVEWAY TO EXISTING SIDEWALK.
6. #4 REBAR DOWNELS, 6" MIN DEPTH INTO EXISTING SIDEWALK, CURB & GUTTER. DO NOT DOWEL PRIVATE IMPROVEMENTS INTO PUBLIC IMPROVEMENTS.
7. 6" MIN CLASS 2 A.B. COMPACTED TO 90%.
8. DEEP JOINTS AT 20'.
9. ALL CONCRETE SHALL BE 6 SACK WITH 1 LB OF LAMP BLACK PER CUBIC YARD.



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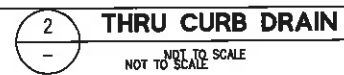


**OLD COUNTY ROAD
PEDESTRIAN & BICYCLE IMPROVEMENT PROJECT
CONSTRUCTION DETAILS**

LIST OF ELEMENTS

EXP004107 2011 000

C3.1
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NOTES:

1. CONCRETE SHALL CONTAIN 1 LB. OR 1 PT. OF LAMP BLACK PER C.Y.

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**OLD COUNTY ROAD
PEDESTRIAN & BICYCLE IMPROVEMENT PROJECT
EROSION CONTROL**

CITY OF BELMONT

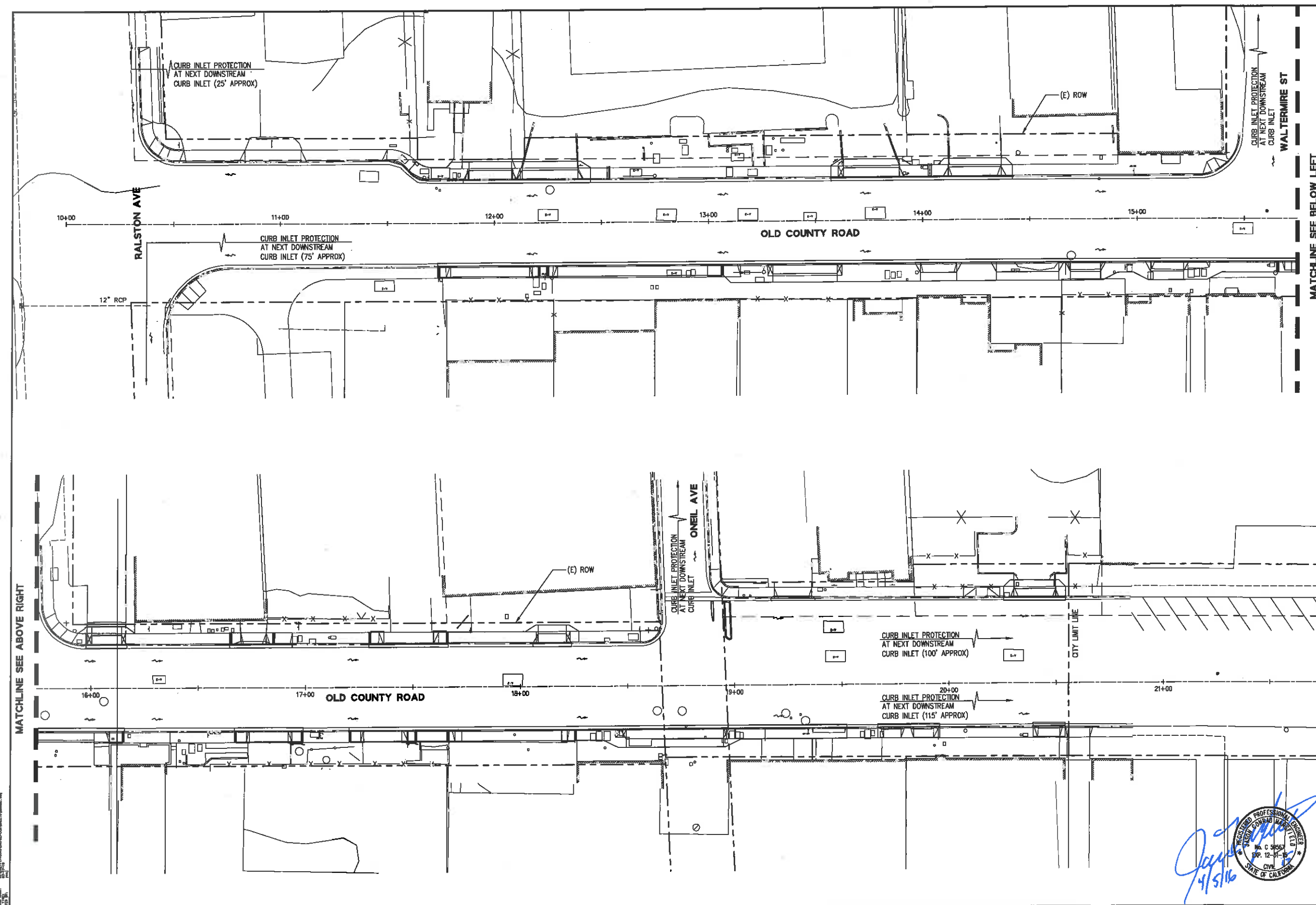
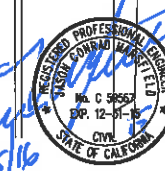
SAN MATEO COUNTY

CALIFORNIA

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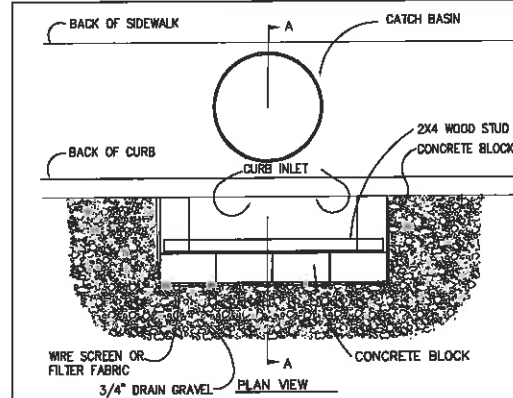
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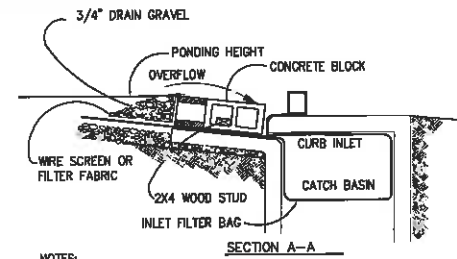
PLAN VIEW

SECTION A - A

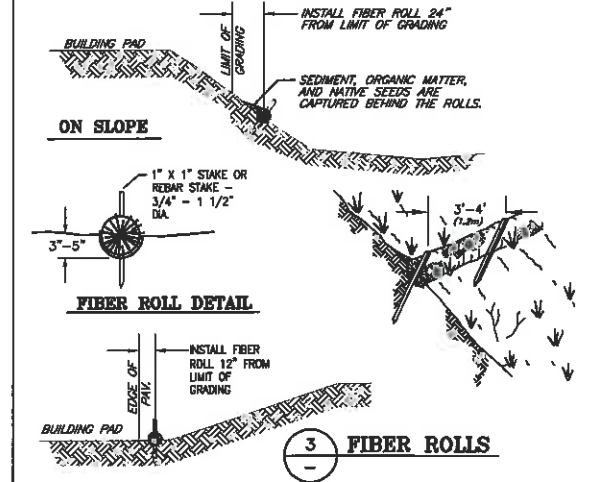
1 DROP INLET SEDIMENT BARRIER



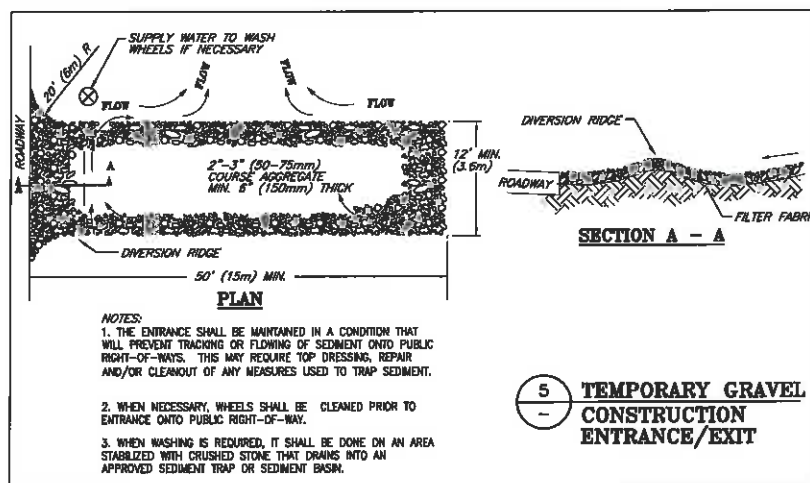
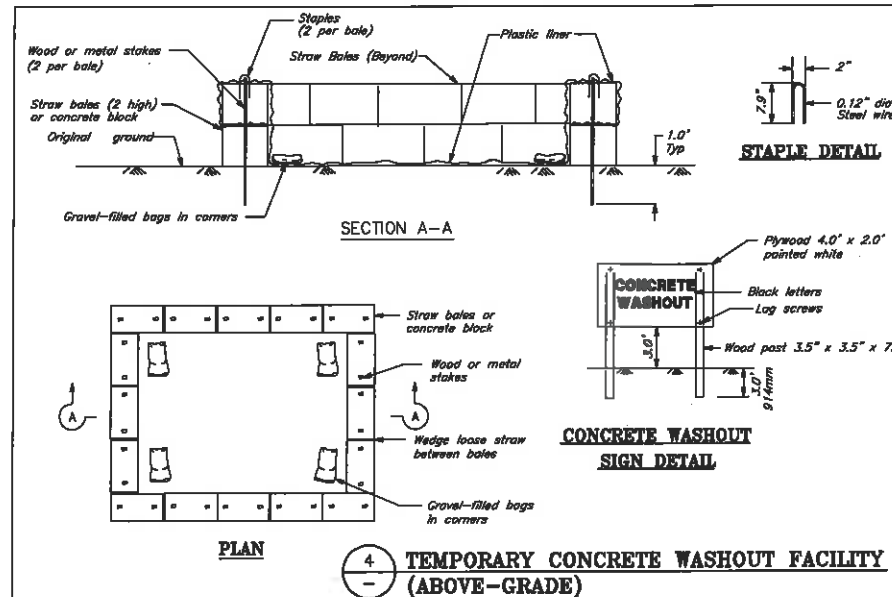
CURB INLET SEDIMENT BARRIER
(TIME FRAME: BETWEEN FINAL PAVING OPERATIONS AND PROJECT COMPLETION)



- NOTES:
1. USE BLOCK AND GRAVEL TYPE SEDIMENT BARRIER WHEN CURB INLET IS LOCATED IN GENTLY SLOPING STREET SEGMENT, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
 2. BARRIER SHALL ALLOW FOR OVERFLOW FROM SEVERE STORM EVENTS.
 3. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.
 4. MODIFY AS NEEDED FOR INLET CONFIGURATION IN FIELD.



- NOTES:
1. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" (75-125mm) DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
 2. FIBER ROLLS MUST BE PLACED ALONG SLOPE CONTOURS.
 3. INSTALL FIBER ROLLS ALONG BACK OF EXISTING CURB WHERE SHOWN ON PLAN.



1. PERFORM EROSION PREVENTION AND SEDIMENT CONTROL IN ACCORDANCE WITH THE LATEST EDITION OF APPENDIX CHAPTER 33 OF THE CALIFORNIA BUILDING CODE, APPLICABLE SAN MATEO COUNTY REGULATIONS, AND SECTION 20 OF THE CALTRANS STANDARD SPECIFICATIONS.
2. THE APPROVED PLANS SHALL CONFORM WITH THE EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES CONTAINED IN THE LATEST EDITIONS OF THE FOLLOWING PUBLICATIONS OR AN EQUIVALENT BEST MANAGEMENT PRACTICE:
STORMWATER MANAGEMENT PLAN BY THE SAN MATEO COUNTYWIDE STORMWATER POLLUTION PREVENTION PROGRAM.
EROSION AND SEDIMENT CONTROL FIELD MANUAL BY THE SAN FRANCISCO BAY REGIONAL QUALITY CONTROL BOARD.
MANUAL OF STANDARDS FOR EROSION & SEDIMENT CONTROL MEASURES BY THE ASSOCIATION OF BAY AREA GOVERNMENTS.
CONSTRUCTION SITE BEST MANAGEMENT PRACTICES MANUAL BY CALTRANS.
STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK BY THE CALIFORNIA STORMWATER QUALITY ASSOCIATION.
3. IF DISCREPANCIES OCCUR BETWEEN THESE NOTES, MATERIAL REFERENCED HEREIN OR THE MANUFACTURER'S RECOMMENDATIONS, THEN THE MOST PROTECTIVE SHALL APPLY.
4. THE OWNER IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH THE NATIONAL POLLUTANT ABatement ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. CAS000002 WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY DISTURBING LAND EQUAL TO OR GREATER THAN ONE ACRE. CONSTRUCTION ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO CLEARING, GRADING, EXCAVATION, STOCKPILING, AND RECONSTRUCTION OF EXISTING FACILITIES INVOLVING REMOVAL AND REPLACEMENT.
5. PRESERVATION OF EXISTING VEGETATION SHALL OCCUR TO THE MAXIMUM EXTENT PRACTICABLE.
6. THE OWNER IS RESPONSIBLE FOR PREVENTING STORM WATER POLLUTION GENERATED FROM THE CONSTRUCTION SITE YEAR ROUND. THE OWNER MUST IMPLEMENT AN EFFECTIVE COMBINATION OF EROSION PREVENTION AND SEDIMENT CONTROL ON ALL DISTURBED AREAS DURING THE RAINY SEASON (OCTOBER 15 - APRIL 15).
7. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED BY THE OWNER BEFORE FORECASTED STORM EVENTS AND AFTER ACTUAL STORM EVENTS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. STORM EVENTS PRODUCE AT LEAST 1 INCH OF PRECIPITATION IN A 24 HOUR PERIOD. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES THAT HAVE FAILED OR ARE NO LONGER EFFECTIVE SHALL BE PROMPTLY REPLACED. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.

15. A CONCRETE WASHOUT AREA, SUCH AS A TEMPORARY PIT, SHALL BE DESIGNATED TO CLEAN CONCRETE TRUCKS AND TOOLS. AT NO TIME SHALL CONCRETE PRODUCTS AND WASTE BE ALLOWED TO ENTER WATERWAYS SUCH AS CREEKS OR STORM DRAINS.
16. PROPER APPLICATION, CLEANING AND STORAGE OF POTENTIALLY HAZARDOUS MATERIALS, SUCH AS PAINTS AND CHEMICALS, SHALL BE CONDUCTED TO PREVENT THE DISCHARGE OF POLLUTANTS.
17. WHEN UTILIZED, TEMPORARY RESTROOMS AND SANITARY FACILITIES SHALL BE LOCATED AND MAINTAINED TO PREVENT THE DISCHARGE OF POLLUTANTS.
18. APPROPRIATE VEHICLE STORAGE, FUELING, MAINTENANCE AND CLEANING AREAS SHALL BE DESIGNATED AND MAINTAINED TO PREVENT DISCHARGE OF POLLUTANTS.

1. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. IN GENERAL, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING SEDIMENT STORM RUN- OFF FROM LEAVING THE SITE. FIBER ROLLS AND SAND BAGS SHALL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. ALL EXISTING, TEMPORARY, OR PERMANENT CATCH BASINS SHALL USE ONE OF THE SEDIMENT BARRIERS SHOWN.
2. AS THE OWNER'S REPRESENTATIVE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO PUBLICLY AND/OR PRIVATELY OWNED AND MAINTAINED ROADS CAUSED BY THE CONTRACTOR'S GRADING ACTIVITIES, AND SHALL BE RESPONSIBLE FOR THE CLEANUP OF ANY MATERIAL SPILLED ON ANY PUBLIC ROAD ON THE HAUL ROUTE. ADJACENT PUBLIC ROADS SHALL BE CLEANED AT THE END OF EACH WORKING DAY. EROSION CONTROL MEASURES ARE REQUIRED DURING THE WET SEASON, STARTING OCTOBER 1 OF EACH YEAR. EROSION CONTROL FACILITIES SHALL BE MAINTAINED DAILY UNTIL APRIL 15.
3. THE NAME OF THE PERSON RESPONSIBLE FOR THE DAILY MAINTENANCE OF THESE FACILITIES SHALL BE ON RECORD WITH THE CITY OF FOSTER CITY DEPARTMENT OF PUBLIC WORKS ALONG WITH A PHONE NUMBER WHERE THEY CAN BE REACHED 24 HOURS A DAY. THESE FACILITIES SHALL CONTROL AND CONTAIN EROSION-CAUSED SILT DEPOSITS AND PROVIDE FOR THE SAFE DISCHARGE OF SILT-FREE STORM WATER INTO EXISTING AND PROPOSED STORM DRAIN FACILITIES. DESIGN OF THESE FACILITIES MUST BE APPROVED AND UPDATED EACH YEAR PRIOR TO SEPTEMBER 30 BY THE ENGINEER.
4. AS THE OWNER'S REPRESENTATIVE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS, AND SUPPLIERS ARE AWARE OF ALL STORM WATER QUALITY MEASURES & IMPLEMENT SUCH MEASURES. FAILURE TO COMPLY WITH THE APPROVED CONSTRUCTION WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS AND/OR A PROJECT STOP ORDER.
5. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE OPERABLE YEAR-ROUND OR UNTIL DISTURBED AREAS ARE STABILIZED.
6. DURING THE RAINY SEASON, ALL PAVED AREAS ARE TO BE KPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE IS TO BE MAINTAINED SO AS TO MINIMIZE SEDIMENT RUNOFF TO ANY STORM DRAIN SYSTEM.

7. AS THE OWNER'S REPRESENTATIVE, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT ALL EROSION CONTROL FACILITIES AND REPAIR ANY DAMAGED FACILITIES BY THE END OF THE WORK DAY DURING THE RAINY SEASON.
8. BORROW AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES (TARPS, FIBER ROLLS, SILT FENCES ETC.) TO ENSURE SILT DOES NOT LEAVE THE SITE OR ENTER THE STORM DRAIN SYSTEM. REFER TO EROSION CONTROL AND SEDIMENT CONTROL FIELD MANUAL, 3RD EDITION, PREPARED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, SAN FRANCISCO BAY REGION.
9. ALL DIRT PILES AND HAUL TRUCKS SHALL BE COVERED.
10. DURING PERIODS WHEN STORMS ARE FORECAST -
 - a. EXCAVATED SOILS SHOULD NOT BE PLACED IN STREETS OR ON PAVED AREAS.
 - b. ANY EXCAVATED SOILS SHOULD BE REMOVED FROM THE SITE BY THE END OF THE DAY.
 - c. WHERE STOCKPILING IS NECESSARY, USE A TARPAULIN OR SURROUND THE STOCKPILED MATERIAL WITH STRAW BALES, FIBER ROLL, OR OTHER RUNOFF CONTROLS.
 - d. USE INLET CONTROLS (E.G. FILTER MAT) FOR STORM DRAINS ADJACENT TO THE STOCKPILED SOIL.
 - e. THOROUGHLY SWEEP ALL PAVED AREAS EXPOSED TO SOIL EXCAVATION AND PLACEMENT.
11. DURING PERIODS WHEN STORMS ARE NOT FORECAST -
 - a. PREVENT STOCKPILED MATERIAL FROM ENTERING THE STORM DRAIN SYSTEM
 - b. THOROUGHLY REMOVE LOOSE SOIL VIA SWEEPING FOLLOWING REMOVAL OF DIRT.
12. DRAINAGE INLET SEDIMENT BARRIERS SHALL BE INSTALLED AS SOON AS THE STORM DRAINAGE SYSTEM IS INSTALLED.
13. PRIOR TO PAVING, FIBER ROLLS SHALL BE INSTALLED AROUND EACH DROP INLET AND CURB INLET PER DETAIL 1. AFTER PAVING IS COMPLETE AROUND EACH DROP INLET, BLOCK AND GRAVEL SEDIMENT BARRIERS SHALL BE INSTALLED AROUND THE DROP INLETS AND CURB INLETS PER DETAIL 2 UNTIL ALL EXPOSED EARTHEN AREAS HAVE BEEN STABILIZED AND THE ROADWAY FACILITY IS OPERATIONAL.
14. THE LOCATIONS OF THE TEMPORARY CONCRETE WASHOUT FACILITY AND TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT CAN BE DECIDED BY THE CONTRACTOR UPON APPROVAL BY THE CITY.